

Preliminary Agenda:

2nd CERES-II Science Team Meeting

**Hospitality House, Williamsburg, VA
Nov 2-4, 2004**

Joint Meeting with ARM and GCSS Cloud Modeling Working Groups

Major Objectives for the Meeting:

1. *Review status of CERES Data Products:*

- *Instrument Calibration: stability over first 4 years of Terra*
- *Aqua Cloud Properties: consistency with Terra in Edition 1 Aqua SSF*
- *Terra/Geo Merged Diurnal Sampling: SRBAVG/SYN/AVG product status*
- *Terra consistent Surface, Atmosphere, and TOA Fluxes: CRS product status*

2. *Variability in Terra 4 Year Global Cloud and Radiation Data*

Now that 4 years of Terra data are available, an examination of variability and potential trends in calibration, radiation and cloud will be discussed: perspectives from ERBE-Like TOA fluxes as well as new CERES fluxes and MODIS cloud data in combined SSF, CRS, and SRBAVG data products.

3. *Given the new Terra ADMs and over 3 years of processed Terra SSF merged cloud/radiation data, our joint session with the ARM and GCSS modeling groups will give an overview of new CERES flux and cloud property capabilities relevant to ARM and GCSS cloud modeling. CERES, ARM, and GCSS Co-I reports of interest to all 3 groups will be merged into a joint session of 1/2 to 1 day depending on the contributed talks. Purpose of the joint meeting is to foster cloud model/data intercomparison studies that take advantage of improvements in both models, observations, and computing capability. The joint session talks will be organized by Wielicki for CERES, Steve Klein and Menghua Zhang as Co-Chairs of the ARM Cloud Parameterization and Modeling (CPM) Group, and Jon Petch the Chair of the GCSS Working Group 4 on convective cloud modeling.*

4. *CERES specific Co-I Reports. We expect to have time for 15 to 20 Co-I reports, some of which will be in the joint session plenary. Co-I's should email suggested title, authors, and a paragraph description to me if they are interested in presenting a 20 minute Co-I report.*

Meeting Minutes: PDF

We plan to publish the minutes of the meeting electronically, so please send an electronic copy of your presentation to Shannon Lynch Walker (Shannon.L.Walker@nasa.gov) either before or following the meeting. Desired format is a pdf document.

Dutch Treat Dinner: Forecast for Wednesday Evening

Tuesday, November 4
Hospitality House, Williamsburg, VA

- 8:00 am **Coffee/Danish**
- 8:30 am Meeting Logistics, Welcome *S. Walker*
- 8:40 am State of U.S. CCSP/EOS/CERES/NPP/NPOESS *B. Wielicki*
- 9:00 am Terra/Aqua Instrument Calibration Summary *K. Priestley*
- 9:45 am Aqua/Terra Cloud Property Consistency/Accuracy *P. Minnis*
- 10:15 am **Break**
- 10:45 am Terra CRS Surface Flux Accuracy in Edition 2 *T. Charlock*
- 11:15 am Terra Gridded Monthly Data: with and without Geo *D. Young*
- 12:15 pm Lunch
- 1:30 pm CERES Data Management and Data Product Status *M. Little/E. Geier*
- 1:50 pm Langley ASDC DAAC User Services *J. Koziana*
- 2:10 pm S'COOL Education Outreach Status *L. Chambers*
- 2:30 pm 4 years of Terra ERBE-Like TOA Fluxes *T. Wong*
- 2:50 pm 4 years of Terra SSF Fluxes and Clouds *N. Loeb*
- 3:30 pm **Break**
- 4:00 pm 2000 vs 2003 Terra CRS Sfc to TOA consistency *T. Charlock*
- 4:20 pm How does this all fit with Earthshine, Deep Ocean, Etc? *B. Wielicki*
- 4:50 pm Co-I Report
- 5:10 pm Co-I Report
- 5:30 pm **Adjourn**

Wednesday, November 5
Hospitality House, Williamsburg, VA

8:00 am **Coffee/Danish**

8:30 am **Working Group Sessions**

All

Instrument (Priestley et al.)

Angular Modeling (Loeb et al.)

Surface to TOA Fluxes (Charlock et al.)

Cloud Properties (Minnis et al.)

10:00 am Break

Invited Presentation

10:20 am **SORCE Solar Total and Spectral Irradiance Observations**

Gary Rottman, CU

11:00 am **Joint CERES/GCSS/ARM Session**

12:30 am **Lunch**

All

2:00 pm **Joint CERES/GCSS/ARM Session**

3:30 pm **Break**

4:00 pm **Joint CERES/GCSS/ARM Session**

5:30 pm **Adjourn**

6:30 pm **Dutch Treat Dinner. Williamsburg Restaurant (Fat Canary?)**

Thursday, November 6
Hospitality House, Williamsburg, VA

8:00 am **Coffee/Danish**

8:30 am **Co-I Reports Cont'd**

10:30 am **Break**

11:00 am **Co-I Reports Cont'd**

12:40 pm **Summary/Action Items**

1:00 pm **Adjourn**